

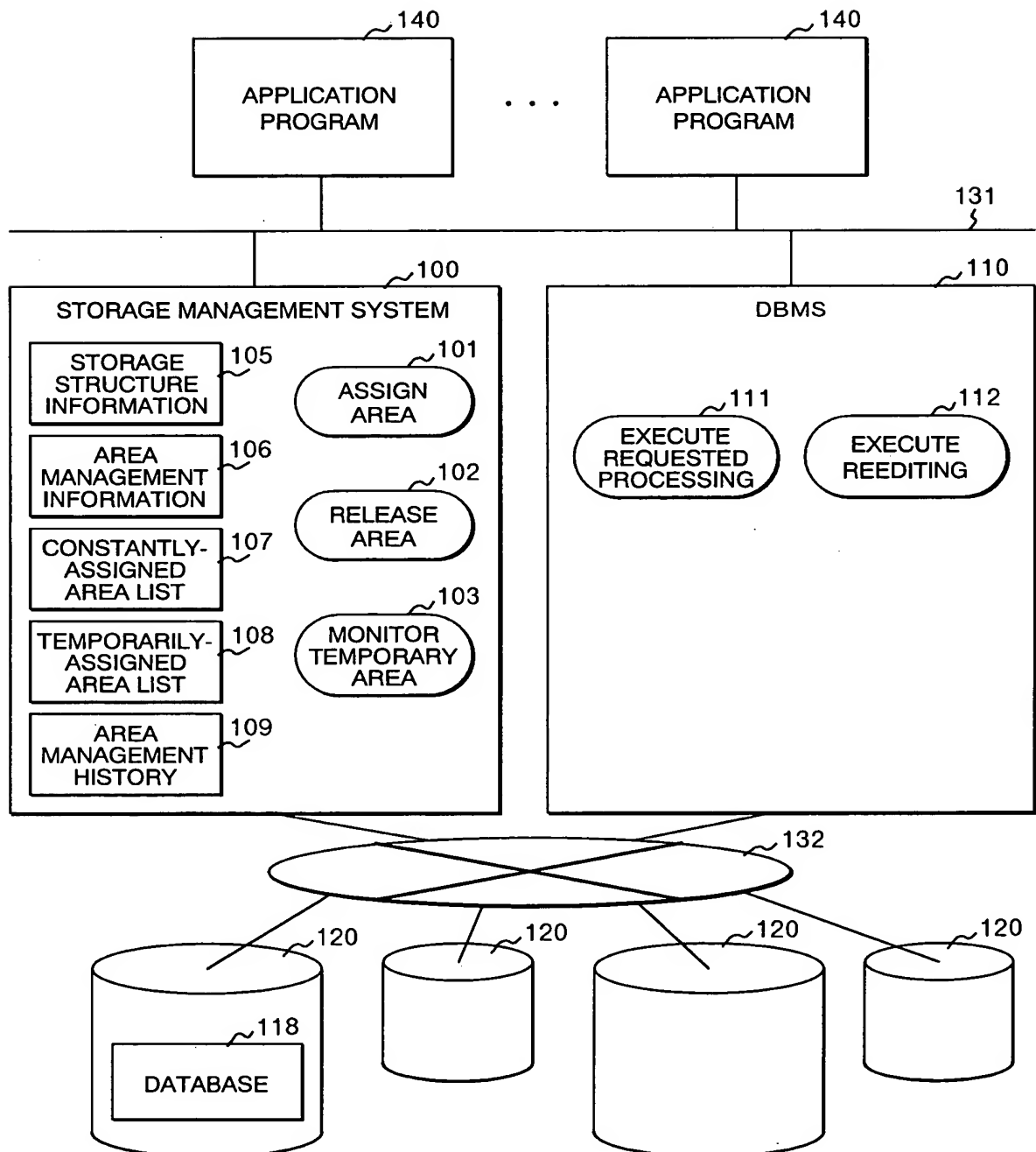
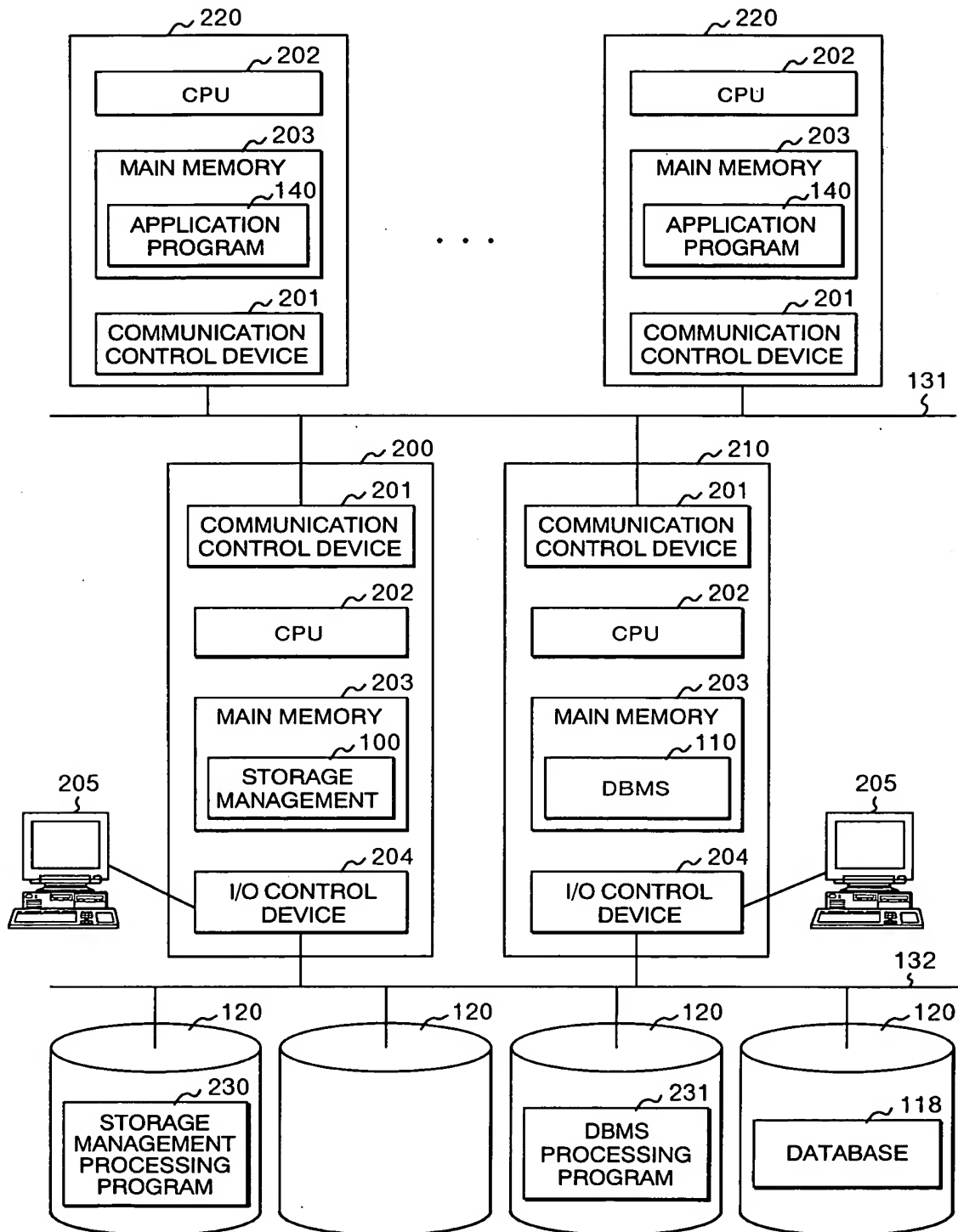
FIG. 1

FIG. 2

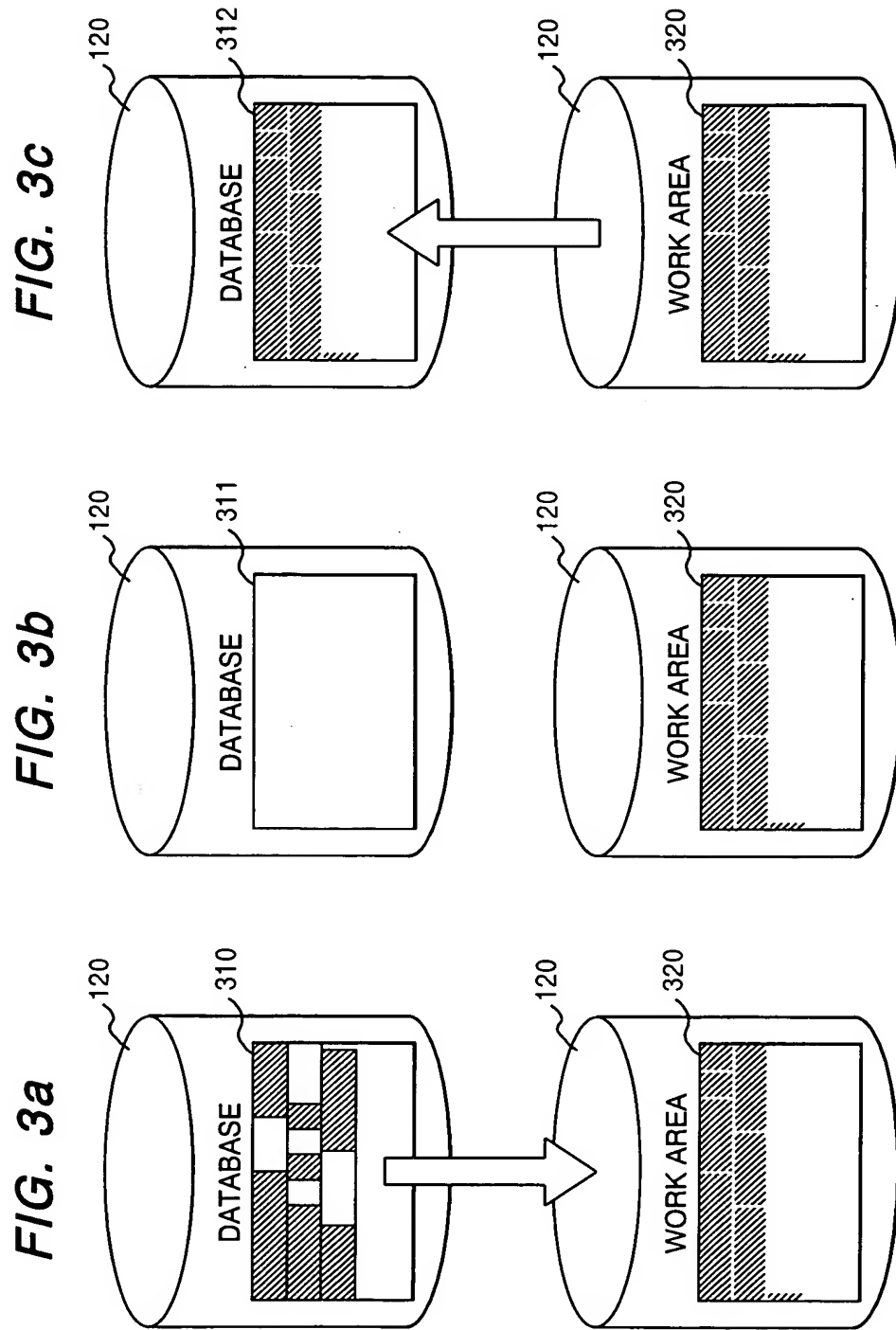


FIG. 4

CONSTANTLY-ASSIGNED AREA LIST 107

401 USER NAME	402 STORAGE DEVICE	403 AREA NAME	404 ASSIGNMENT SIZE	405 ASSIGNMENT TIME AND DATE
nakano	RAID1	pool 1	9GB	2003/8/8 19:40:00
nakano	DISK2	lvol 1	4GB	2003/8/9 10:10:00

FIG. 5

TEMPORARILY-ASSIGNED AREA LIST 108

501 USER NAME	502 STORAGE DEVICE	503 AREA NAME	504 ASSIGNMENT SIZE	505 ASSIGNMENT TIME AND DATE	506 USING PERIOD
nakano	RAID1	pool 2	3GB	2003/8/7 7:40:00	4H
nakano	DISK1	lvol 1	2GB	2003/8/8 10:10:00	2:30H

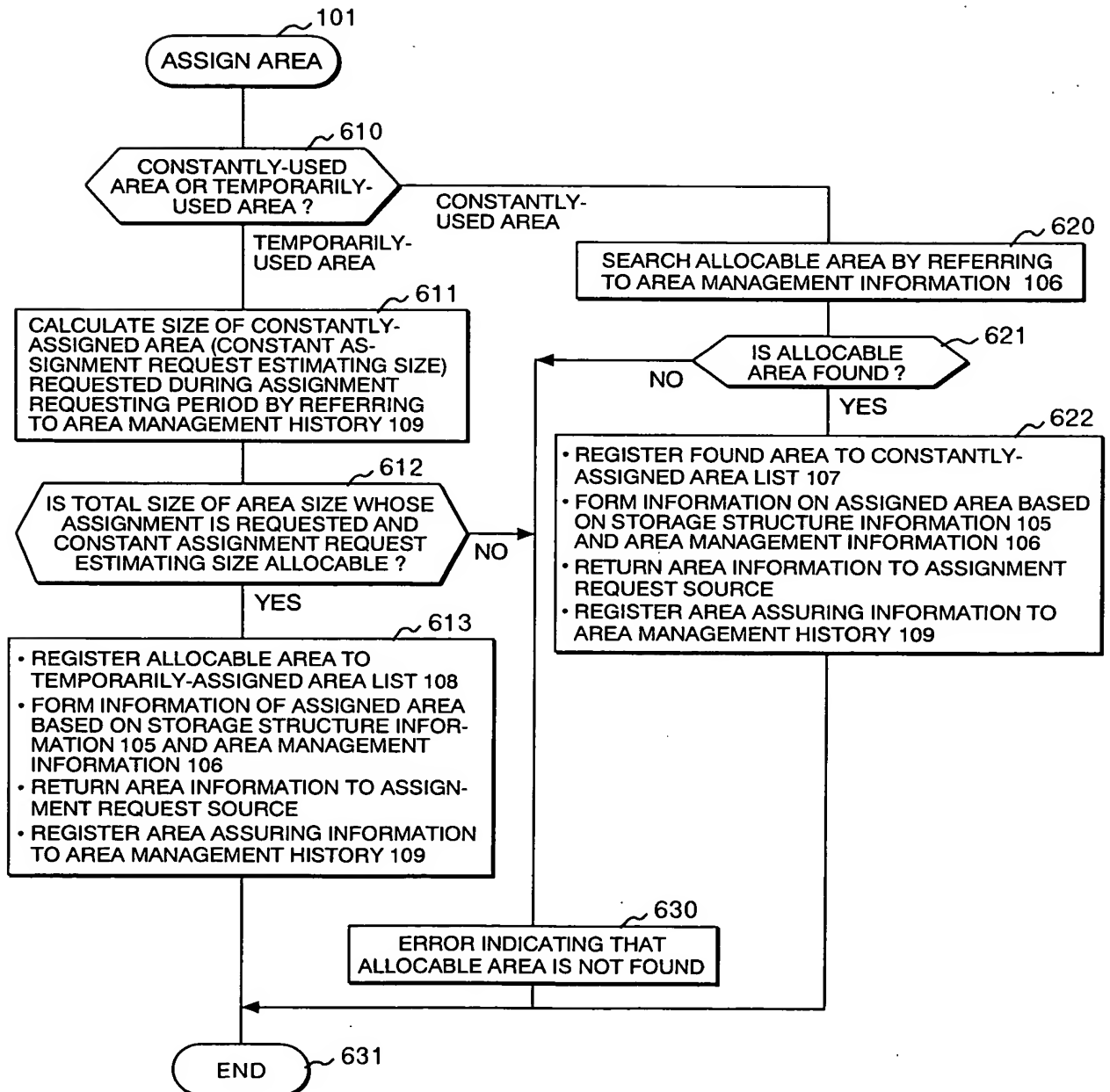
FIG. 6

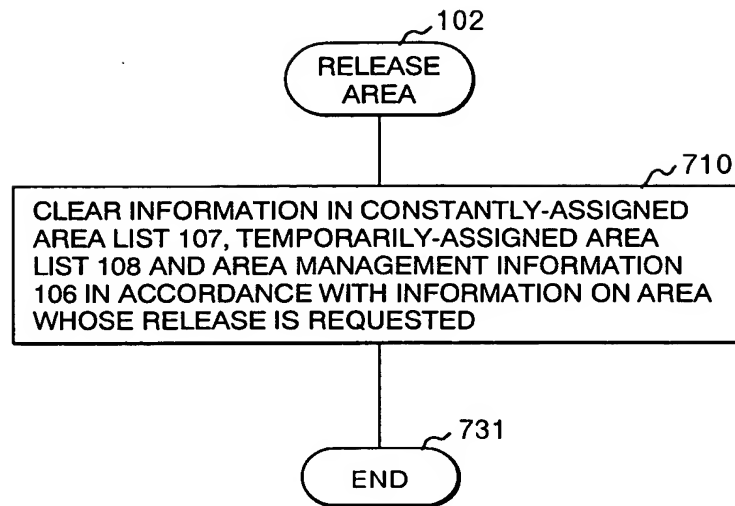
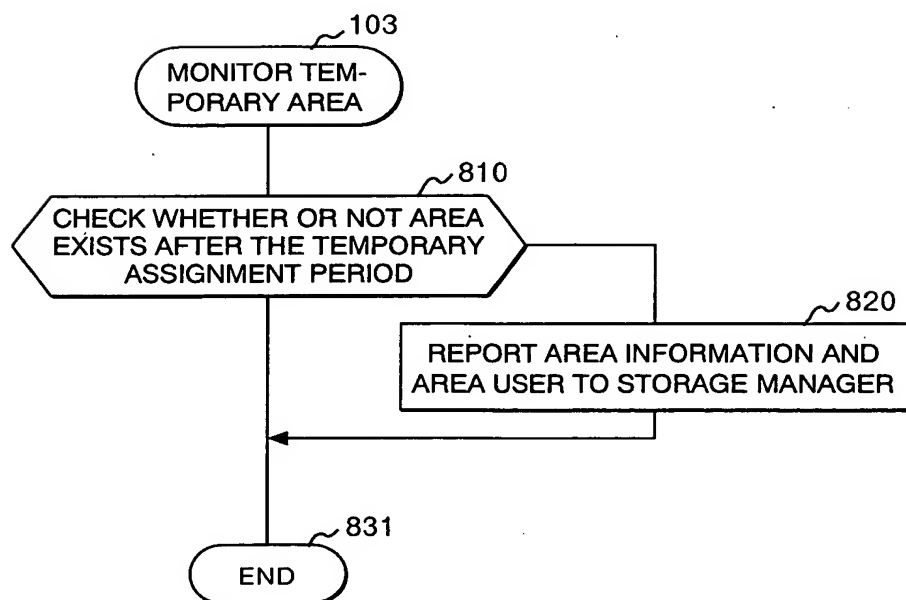
FIG. 7**FIG. 8**

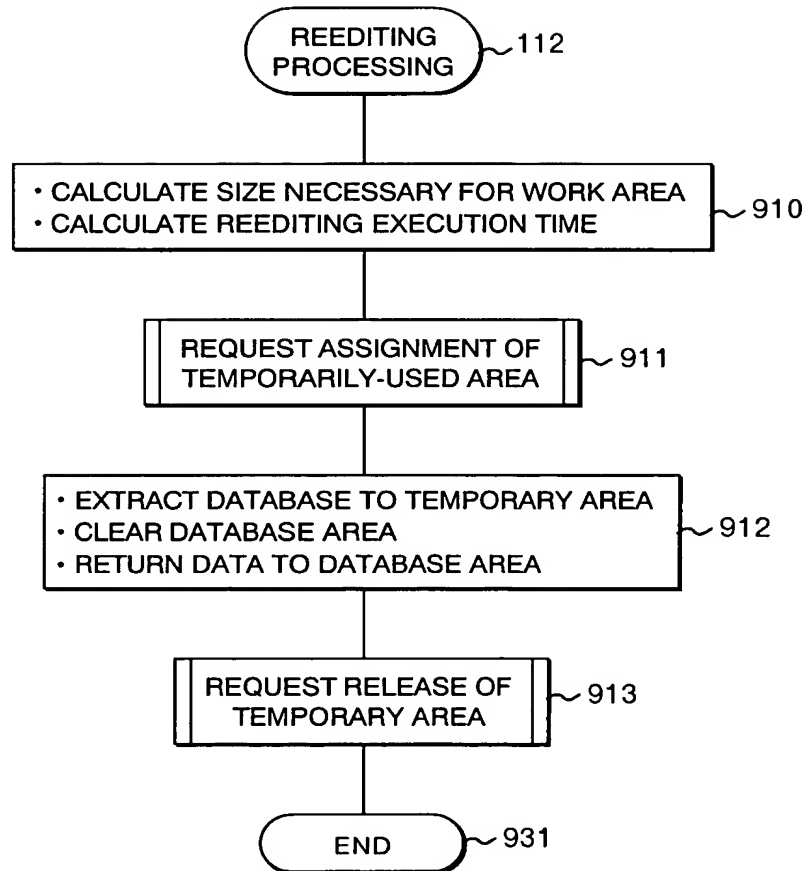
FIG. 9

FIG. 10

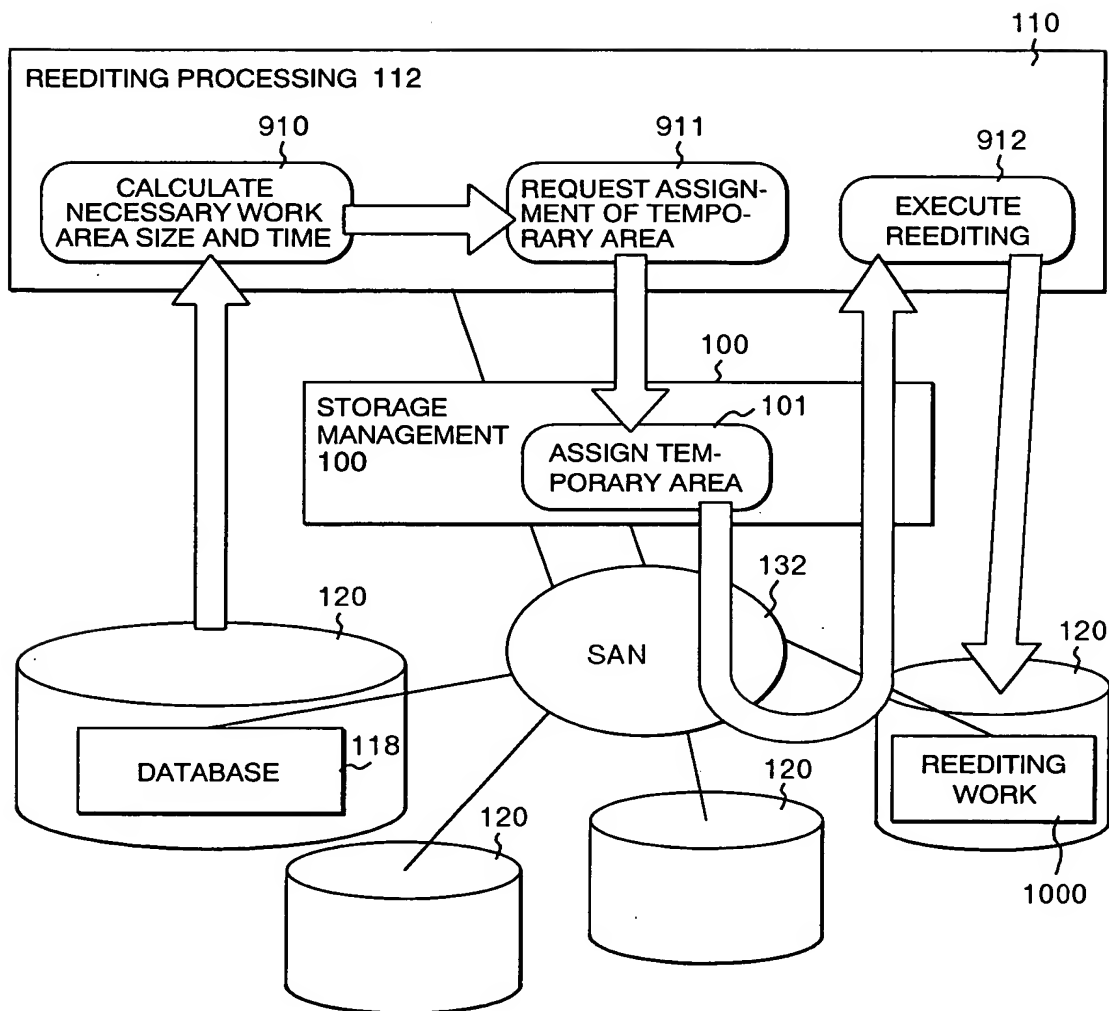


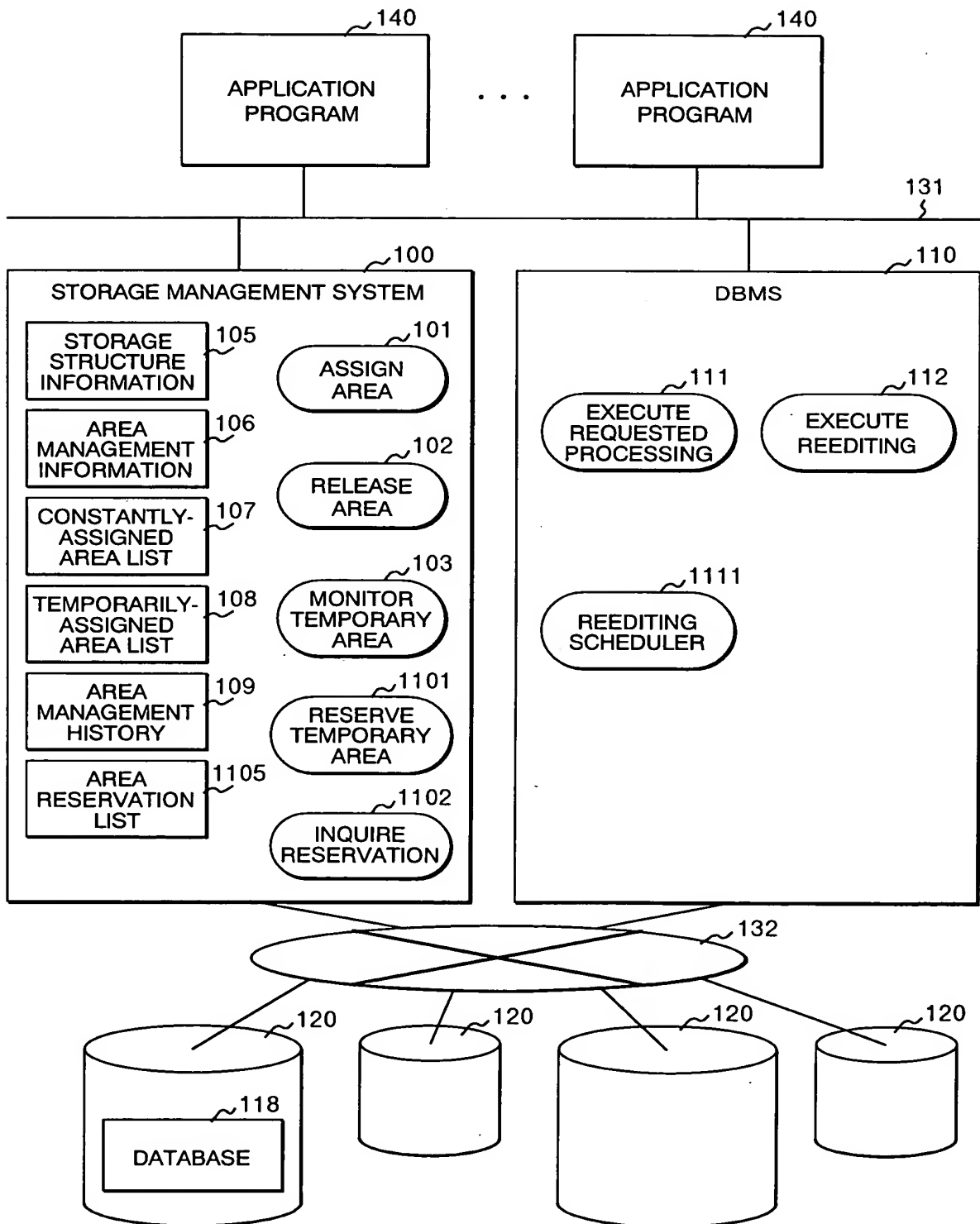
FIG. 11

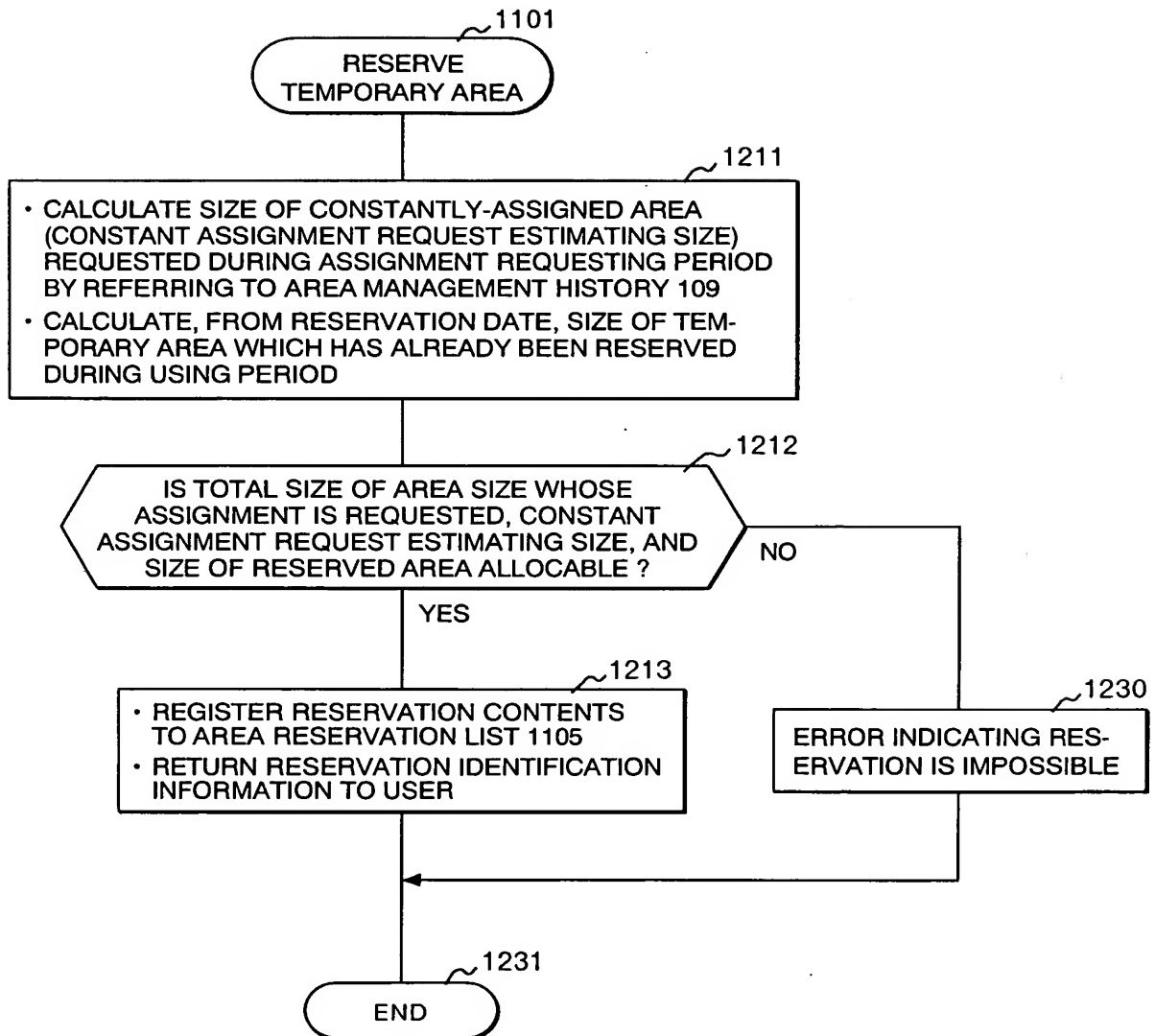
FIG. 12

FIG. 13

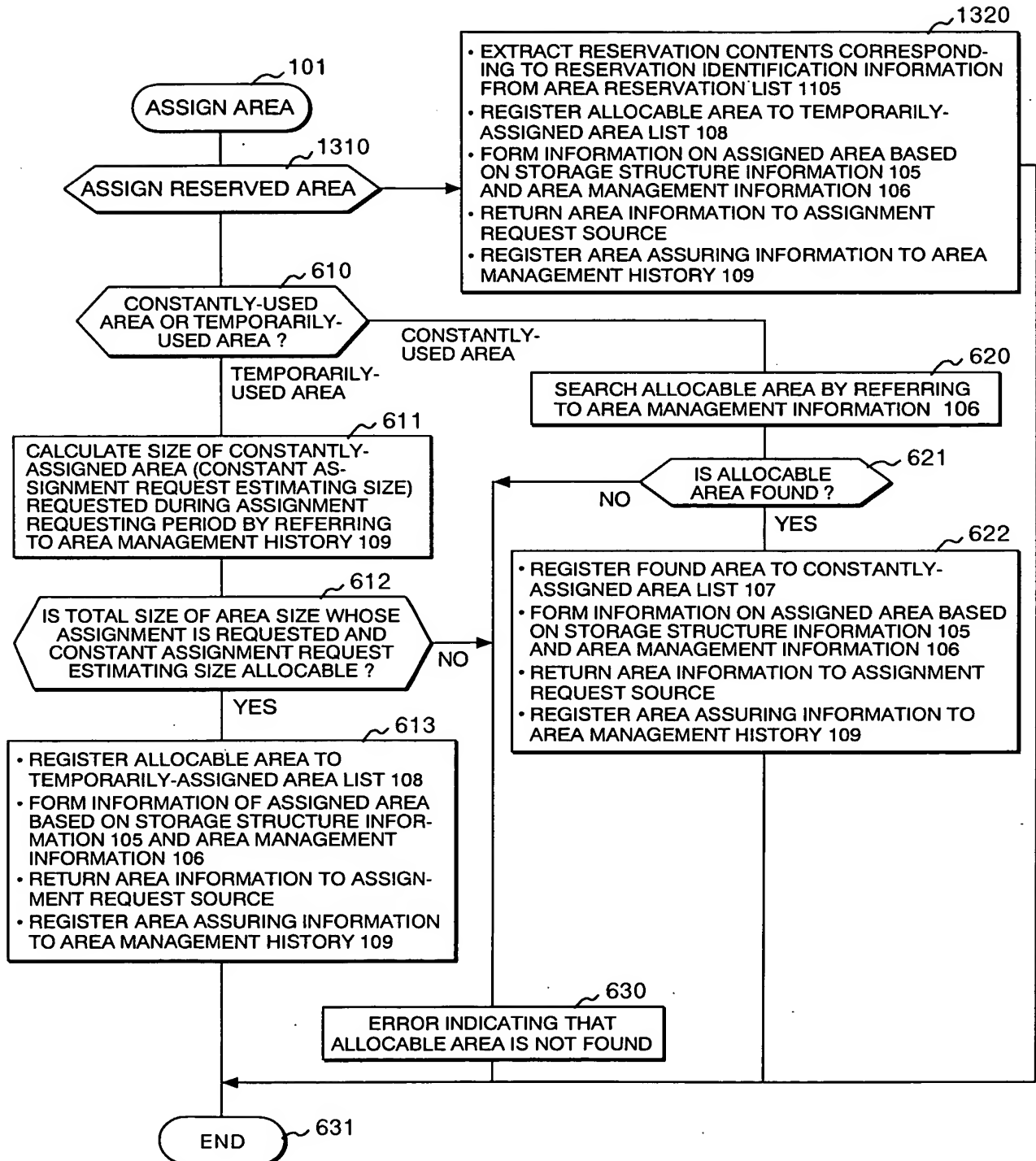


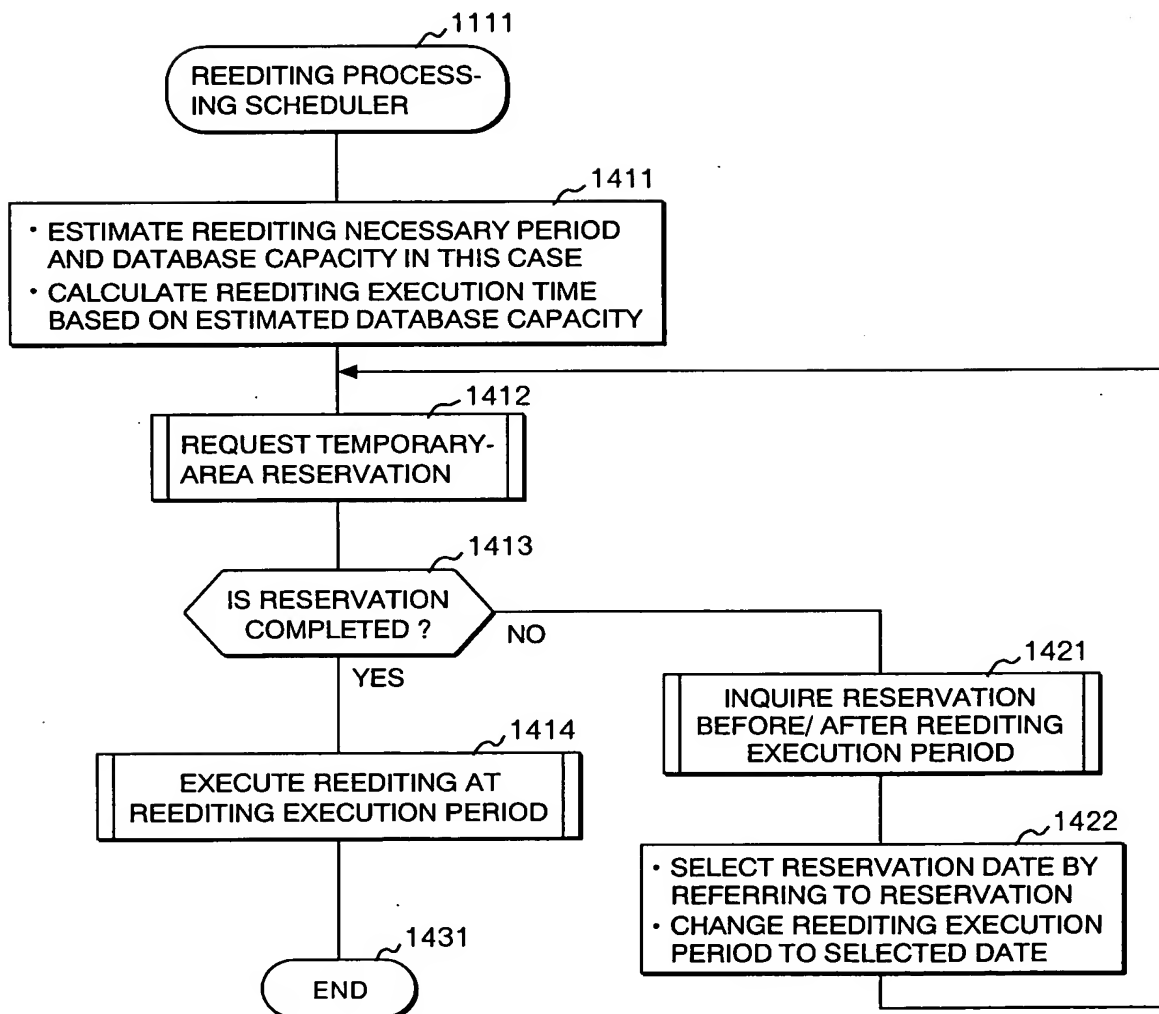
FIG. 14

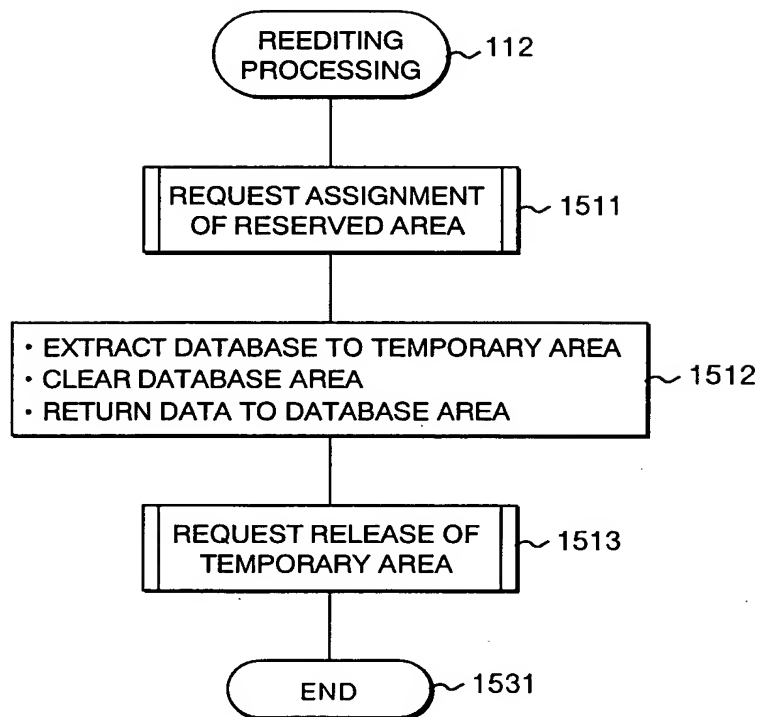
FIG. 15

FIG. 16

AREA MANAGEMENT HISTORY 109

161 }	162 }	163 }
ASSURE OR RELEASE AREA	AREA NAME	DATE
ASSURE	pool 2	2003/8/7 7:40:00
RELEASE	pool 2	2003/8/7 11:25:00
ASSURE	lvol 1	2003/8/8 10:10:00
RELEASE	lvol 1	2003/8/8 12:40:00
ASSURE	pool 1	2003/8/8 19:40:00

FIG. 17

AREA RESERVATION LIST 1105

171 }	172 }	173 }	174 }	175 }	176 }
USER NAME	RESERVA- TION DATE	SIZE OF RE- SERVED AREA	USING PERIOD	STORAGE DEVICE	AREA NAME
nakano	2003/9/7 10:00	3GB	8H	RAID1	pool 1
yamada	2003/8/12 20:00	4GB	6Hr	RAID1	pool 2

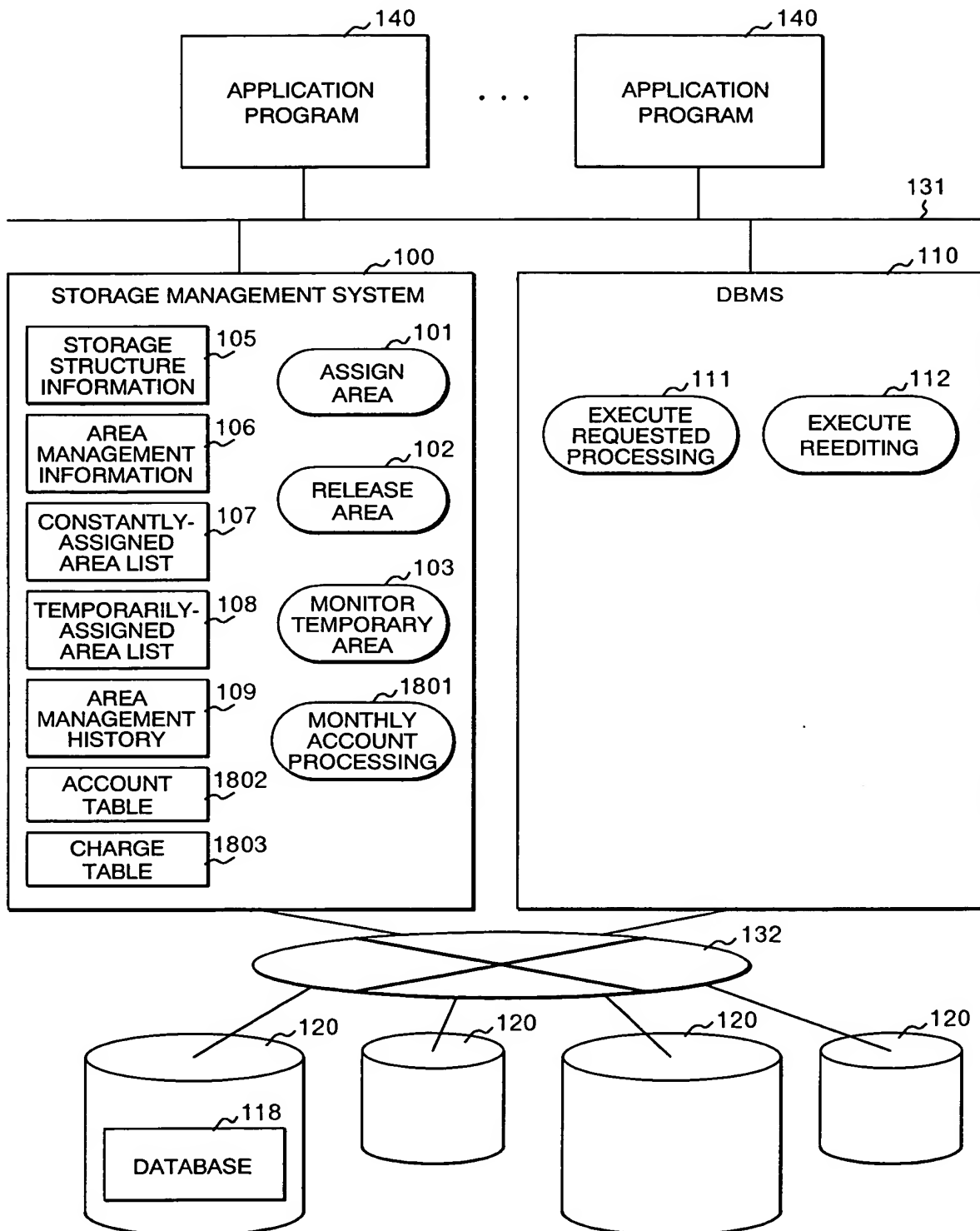
FIG. 18

FIG. 19

ACCOUNT TABLE 1802

1901 }	1902 }	1903 }	1904 }	1905 }
USER NAME	STORAGE DEVICE	ASSIGNMENT SIZE	USING PERIOD	ACCOUNT RANK
nakano	RAID1	3GB	4H	1
nakano	DISK1	2GB	2:30H	1

FIG. 20

CHARGE TABLE 1803

2001 }	2002 }		2003 }		
STORAGE DEVICE	CONSTANT ASSIGNMENT		TEMPORARY ASSIGNMENT		
	MONTHLY CHARGE	DAILY CHARGE	MONTHLY CHARGE	DAILY CHARGE	EXCESS
RAID1	1000	30	800	25	50
DISK1	500	15	400	12.5	25

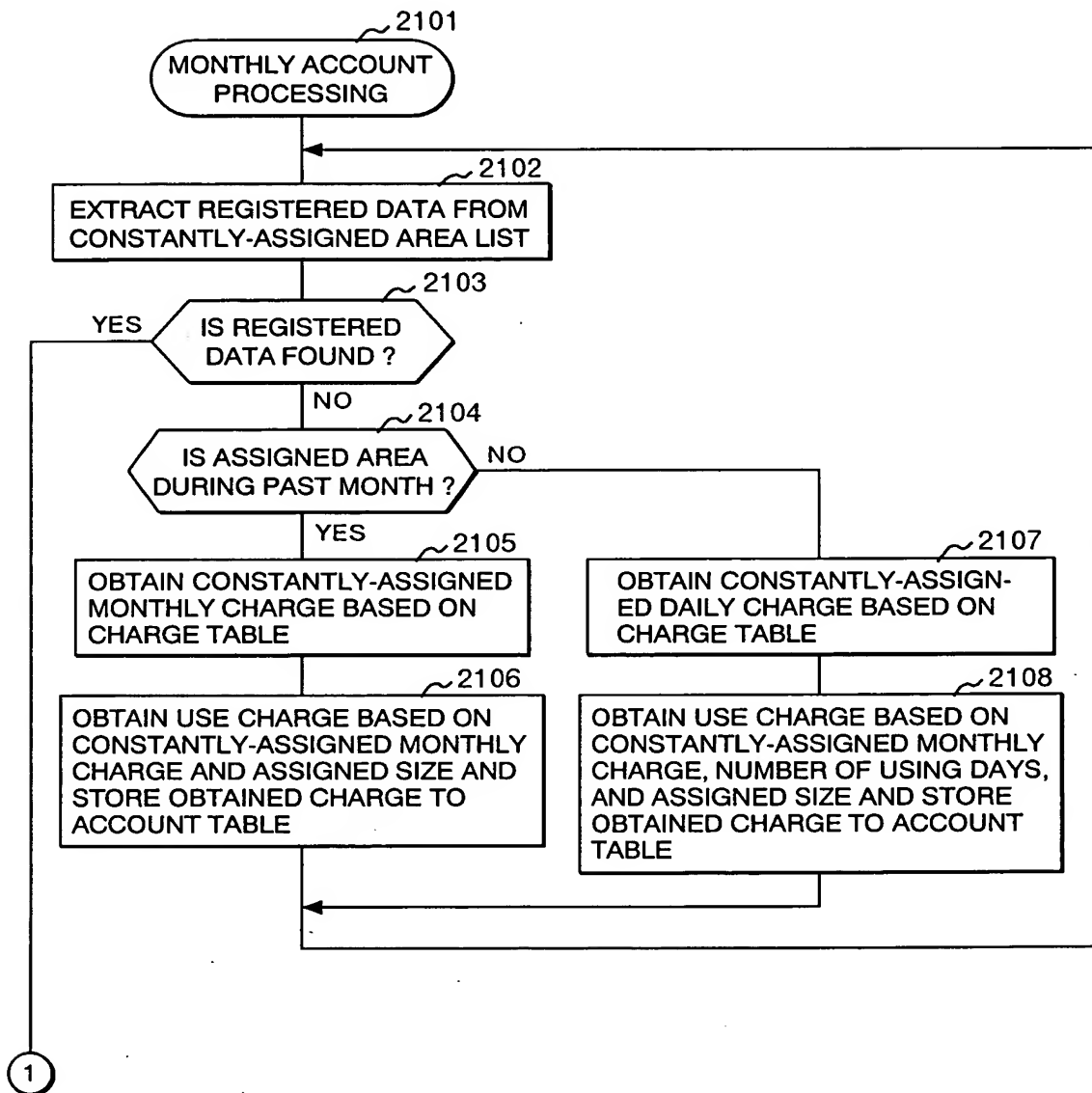
FIG. 21A

FIG. 21B

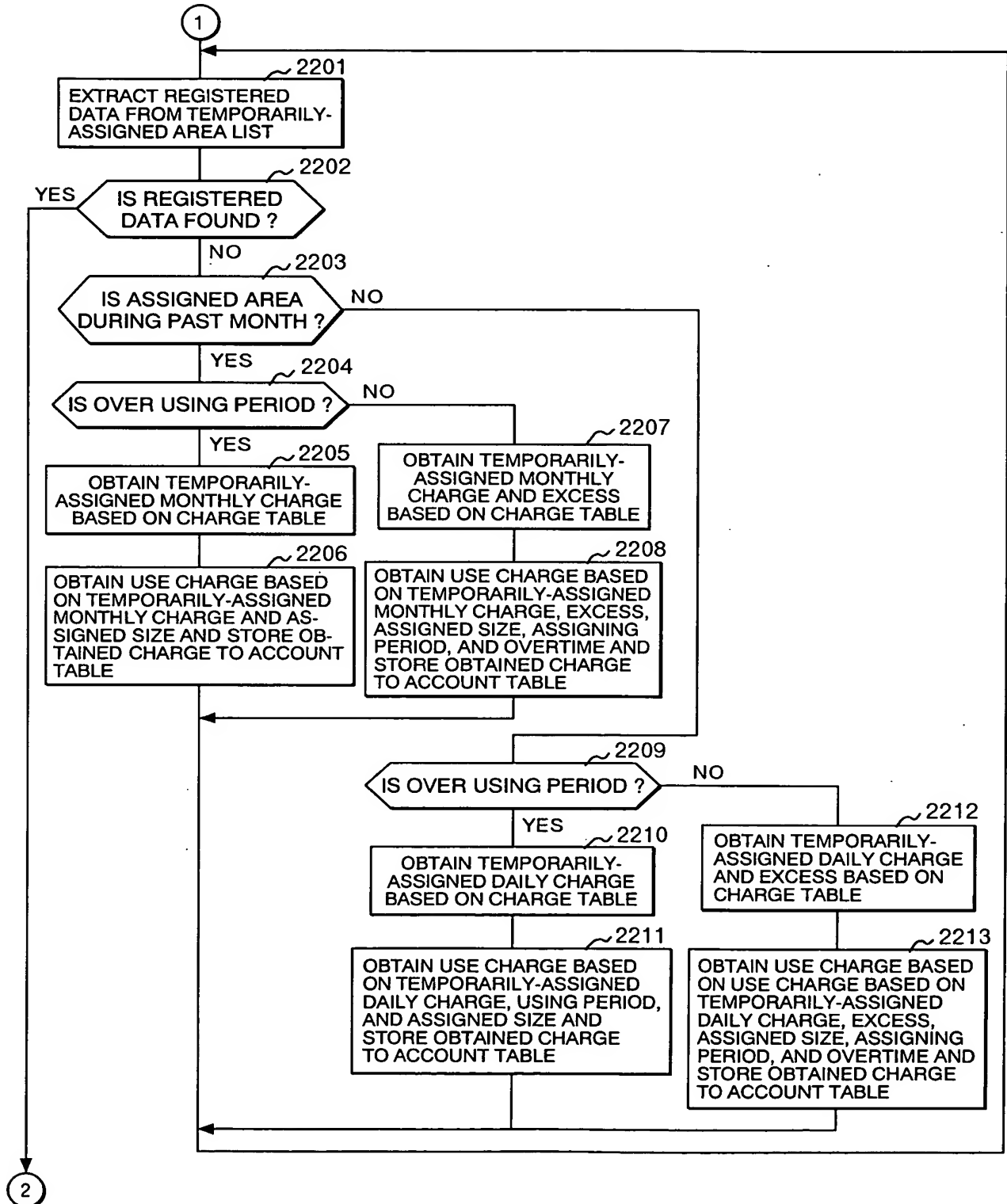


FIG. 21C

